

# Wilton POWRARM

## *The* **FLOATING BALL POSITIONER AND WORK HOLDER!**

Can be attached to vise or special jig.

WILTON-POWRARM enables the worker to change position of the working piece at any angle as often as desired in a second.

The Wilton Powrarm will pay for itself in time saved and greater convenience to a worker.



**FINGER TIP CONTROL**  
exerts pressure up to 6,000 lbs.  
per square inch.

**WILTON TOOL  
MFG. CO.**

936 WRIGHTWOOD AVE.  
CHICAGO 14, ILL. U.S.A.

PHONE BITTERSWEET 2600  
CABLE ADDRESS WILTUCO



**Turns 360° On Any  
Horizontal Plane  
also 360° Co-Axial**



**180° Arc On Any  
Vertical Plane**

With the Wilton Powrarm, assemblies can be placed at any angle on a 360° horizontal plane, 180° vertical plane and 360° axial plane and any combination of the positions simultaneously.

WILTON-POWRARM holds the assembly or working piece permitting the operator to have both hands free, thereby doing a job faster, safer, with greater accuracy and without exertion.

WILTON POWRARM is called the "Lazy Man's Invention" because it serves a thousand uses and has unlimited possibilities at every work bench, assembly, garage, airport, school, laboratory, etc. At every work bench and assembly line, WILTON POWRARM can save time and money and help deliver a better job.

Thousands of POWRARM UNITS are in daily use in countless shops and factories throughout the world.

GENERAL ELECTRIC installed several hundred POWRARM UNITS in their plant at Erie, Pa.

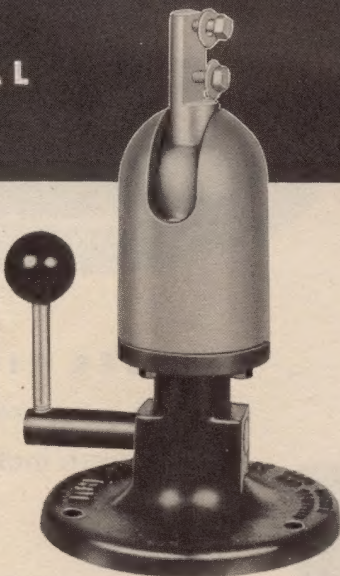
Among other users are such firms as Chrysler Corporation, General Motors, Burroughs Adding Machine Company, United Airlines, Bendix Home Appliances, Inc., Bell and Howell Company, Socony Vacuum Oil Company and many others.

#### Where the Wilton Powrarm can be used

Auto Repair Shops • Electric Repair Shops • Radio, Type-writer and Sewing Machine Repair Shops • Welders • Farm Implement Shops • Airports • Dentists • Jewelers • Opticians • Watchmakers • Engravers • Toolmakers, etc.

### Wilton POWRARM MECHANICAL MODEL 301 For Light Work

This unit when bolted to bench will safely support work pieces up to 70 lbs. weight at any angle. Vise, or special holding fixtures, can be bolted to arm.



Catalog No.....	301
Code.....	POMEC
Base Diameter.....	6"
Height to Crown Top.....	8 1/2"
Shipping Weight.....	8 lbs.
Price.....	\$19.80

### Wilton POWRARM HYDRAULIC MODEL 303 For Heavy Work

This extremely efficient unit exerts pressure up to 6000 lbs. per square inch and will support working pieces up to 150 lbs. weight at any angle desired. Vise or special holding fixture can be bolted to arm. This unit when bolted to bench is ideal for industrial and professional users.



Catalog No.....	303
Code.....	POHYD
Base Diameter.....	6"
Height to Crown Top.....	8 1/2"
Shipping Weight.....	14 lbs.
Price.....	\$28.50



# Wilton VISES AND COMBINATIONS

## Wilton PRECISION VISES Guaranteed for 5 Years



A Wilton Vise is precisely threaded with grease-packed spindle. Parts are precision bored, reamed and lathe turned. Accurately fitted steel key guides main body. No side twist or wobble, no dead motion. Jaws interchangeable and reversible.

Catalog No.	20N	25N
Code	TUNOS	NORAK
Width of Jaws	2"	2 1/2"
Shipping Weight	4 1/2 lbs.	11 1/2 lbs.
Maximum Opening	2 1/4"	3"
Price	\$9.85	\$11.45

Wilton Machinist Bench Vises are available with or without swivel bases in sizes from 2" to 6". Ask for price list No. 18.

## Wilton CLAMP BASE For Mobile Work

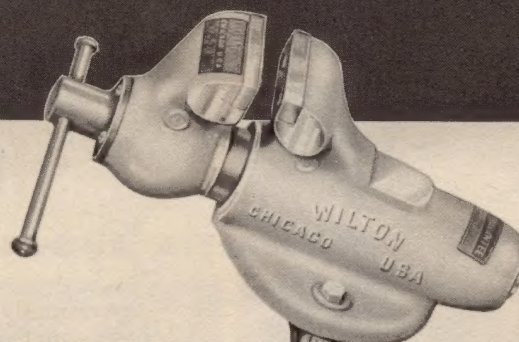


Recommended for field service work or in shops where work might be more convenient

if Powrarm were portable. Fits around base of Powrarm.

Catalog No.	347
Code	PACLA
Shipping Weight	4 1/2 lbs.
Price	\$3.20

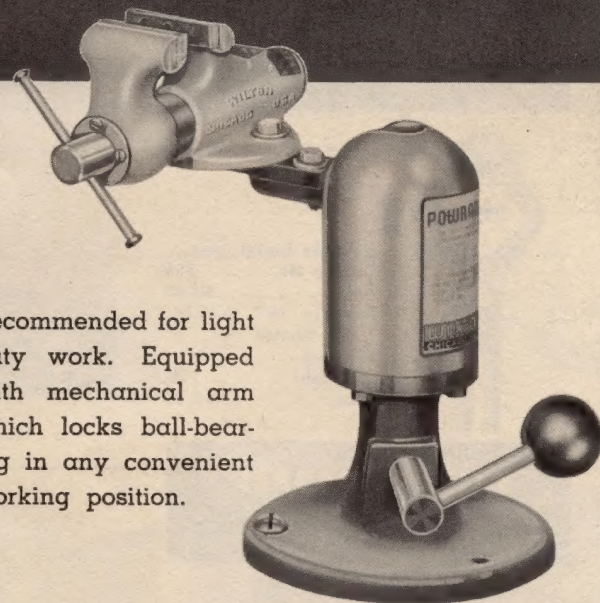
## HYDRAULIC POWRARM WITH WILTON PRECISION VISE 20N OR 25N



For heavy duty work.  
Will hold up to 150 lbs.  
in any position.

Catalog No. for complete unit	3032	3035
Code	POHAT	POKLA
Type of Vise	20N	25N
Width of Jaws	2"	2 1/2"
Shipping Weight	20 lbs.	27 lbs.
Price for complete unit with vise and mounting bracket	\$38.35	\$39.95

## MECHANICAL POWRARM WITH WILTON PRECISION VISE MODEL 20N OR 25N



Recommended for light duty work. Equipped with mechanical arm which locks ball-bearing in any convenient working position.

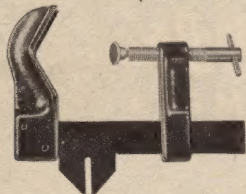
Catalog No. for Complete unit	3012	3015
Code	MESMA	MELAR
Type of Vise	20N	25N
Width of Jaws	2"	2 1/2"
Shipping Weight	15 lbs.	21 lbs.
Price for complete unit with vise and mounting bracket	\$29.65	\$31.25



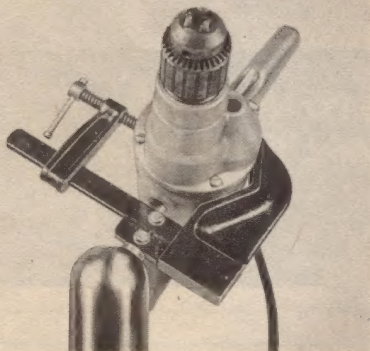
## ALL PURPOSE ATTACHMENTS

Can be used on either Mechanical Model or Hydraulic Model Powrarm

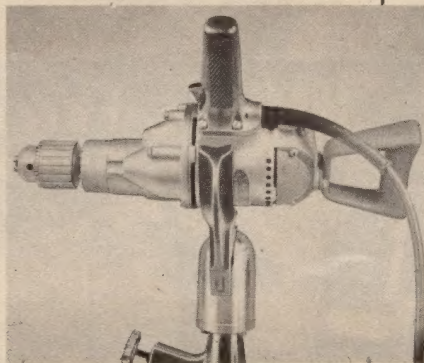
### QUICK SET CLAMP



Catalog No..... 304  
Code..... POCLA  
Maximum Capacity..... 7"  
Shipping Weight..... 5 1/2" lbs.  
Price..... \$6.50

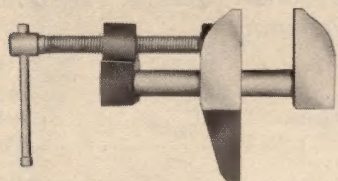


Holding Armature

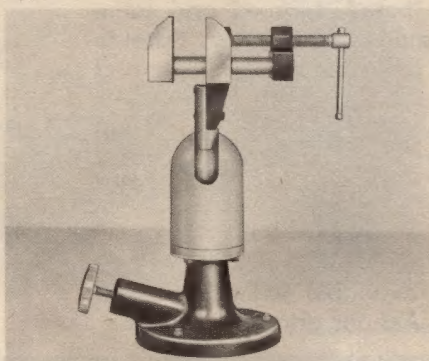


Holding Portable Tool

### STANDARD VISE



3" Wide Jaws  
3" Opening  
Catalog No..... 307  
Code..... PASTAN  
Shipping Weight..... 5 1/2 lbs.  
Price..... \$7.50



Vertical Position



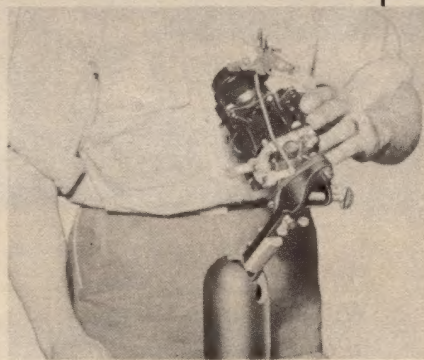
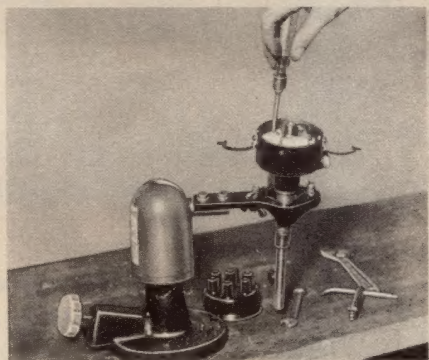
Filing Jobs Are Easier

## AUTOMOTIVE ATTACHMENTS

### CARBURETOR AND DISTRIBUTOR HOLDER

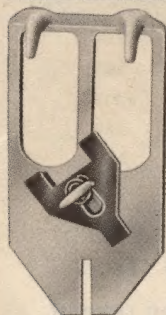


Single barrel type.  
Catalog No..... 309  
Code..... SICAR  
Capacity 3/8" to 1 3/8"  
dia. rounds  
Shipping Weight..... 1 lb.  
Price..... \$2.20

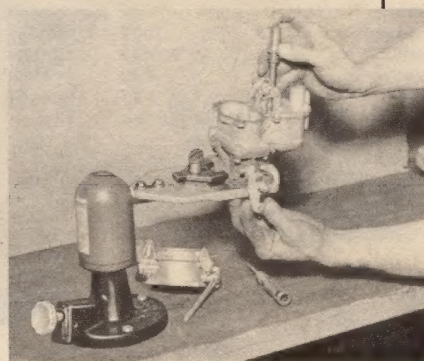
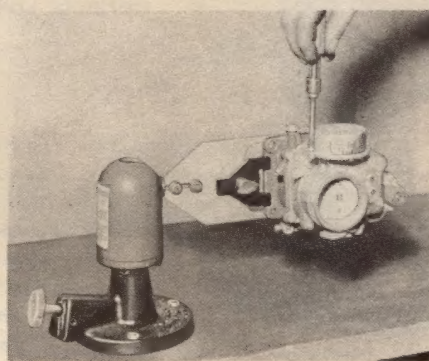


Ideal for carburetor repair as well as for fixing distributors and piston pins.

### DOUBLE BARREL CARBURETOR



Will hold numerous other parts up to 4" wide.  
Catalog No..... 311  
Shipping Weight..... 1 1/2 lbs.  
Code..... DOCAR  
Price..... \$2.75



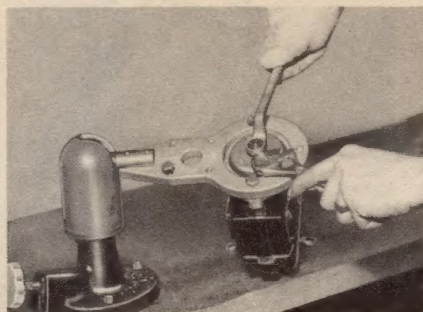
Holds all dual barrel passenger car carburetors.



## MAGNETO HOLDER

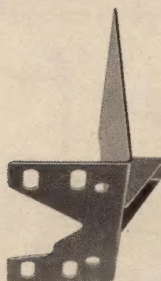


Catalog No..... 313  
Code..... POMAG  
Shipping  
Weight..... 4 lbs.  
Price..... \$3.50



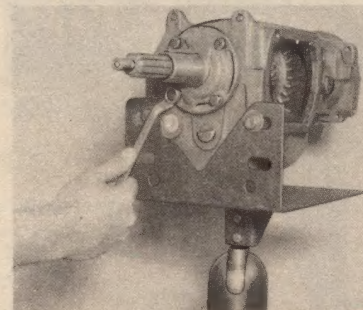
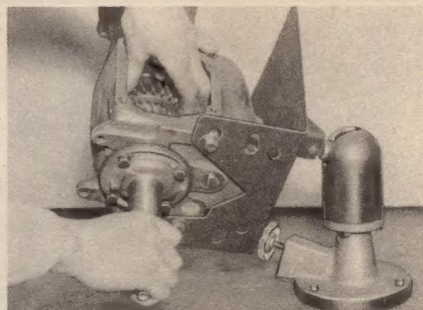
For Base Type Magnets. Also Flange Type Magnets.

## UNIVERSAL Transmission Bracket



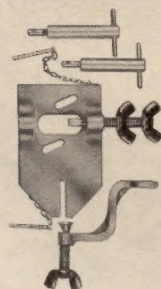
Will hold units up to  
100 lbs. of most popular  
makes.

Catalog No. 314  
Code..... POTRA  
Shipping  
Weight.... 3 1/4 lbs.  
Price..... \$5.80

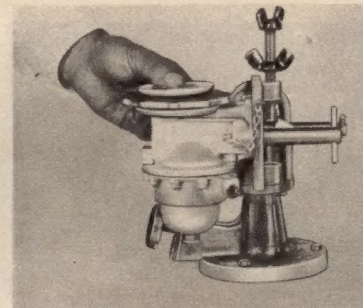
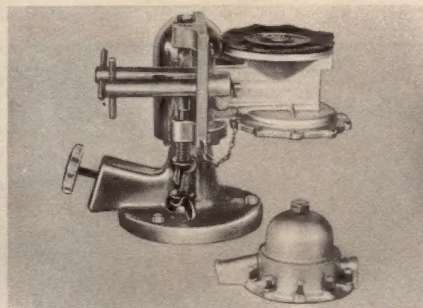


Transmission parts become quickly accessible.

## FUEL PUMP HOLDER



Catalog No. 317  
Code..... PUMPA  
Shipping  
Weight.... 2 1/2 lbs.  
Price..... \$7.50



Service is speeded up without diaphragm wrinkles or damaged parts.

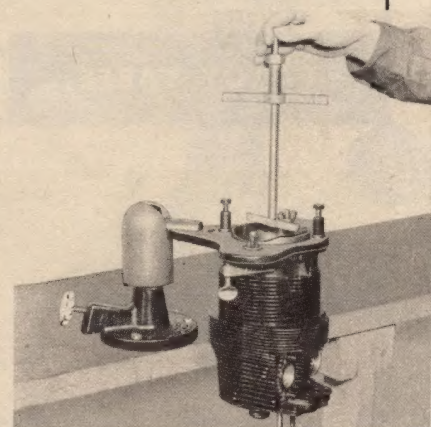
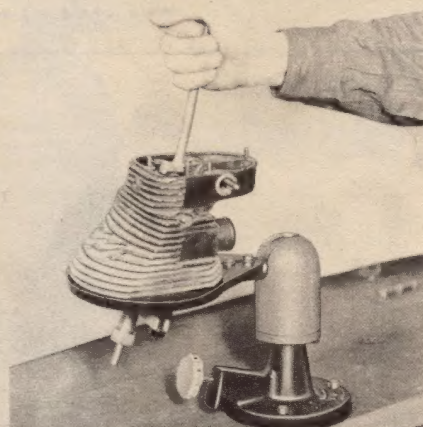
## MISCELLANEOUS ATTACHMENTS

### AIRCRAFT CYLINDER REPAIR SET



(NINE PIECES)

Catalog No..... 319  
Code..... AIRCO  
Shipping  
Weight per set.... 13 1/4 lbs.  
Price complete..... \$21.60

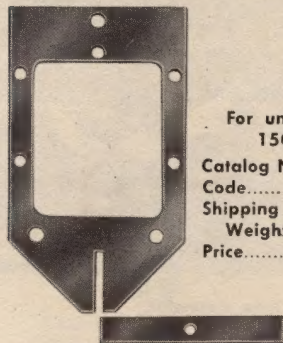


Holds 65 h.p. Continental, 65 and 90 h.p. Franklin, C-3 Aeronca, 175 h.p. Ranger, 65 h.p. Lycoming.

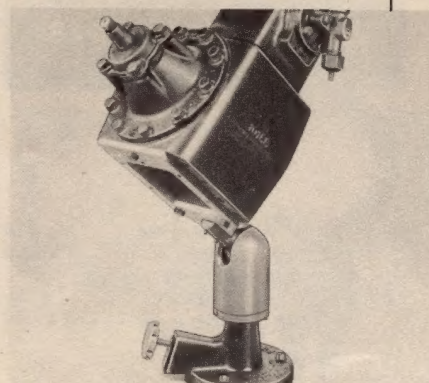
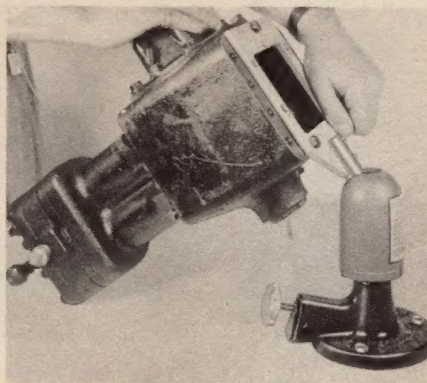
Holds cylinders in any position for cleaning, grinding valves and other repairs.



## KELVINATOR COMPRESSOR FRAME



For units up to  
150 lbs.  
Catalog No... 321  
Code..... POCOM  
Shipping  
Weight..... 4 lbs.  
Price..... \$6.80



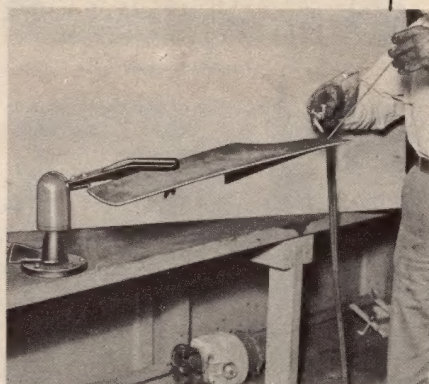
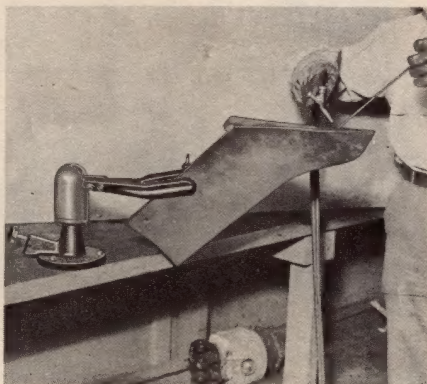
Any side of compressor is instantly available.

## WELDING CLAMP



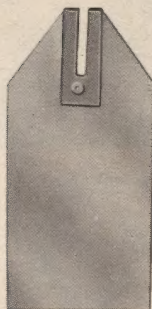
### HARD SURFACING

Capacity up to  $\frac{3}{8}$ "  
thickness.  
Catalog No..... 323  
Code..... WECLA  
Shipping  
Weight..... 4 lbs.  
Price..... \$2.80



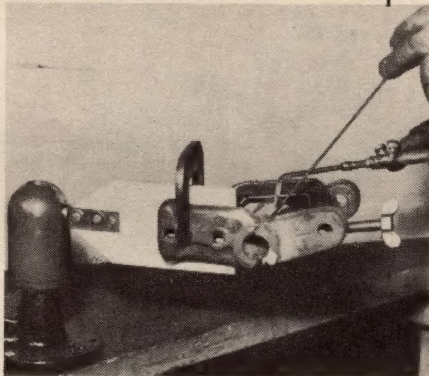
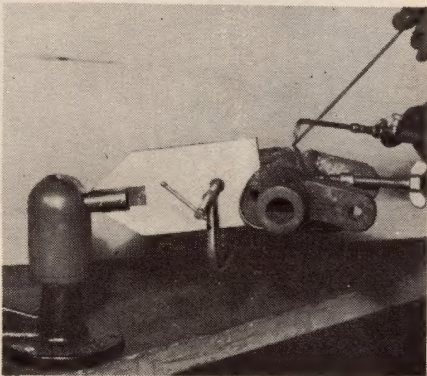
For holding farm implements while applying hard surface weld.

## WELDING PLATE ADAPTER



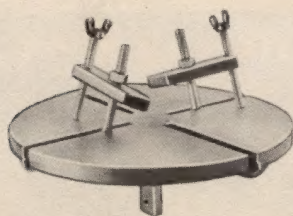
### GENERAL PURPOSE BLANK Size 4" x 8"

Catalog No. 324  
Code..... GEPLA  
Shipping  
Weight... 2  $\frac{1}{4}$  lbs.  
Price..... \$2.20

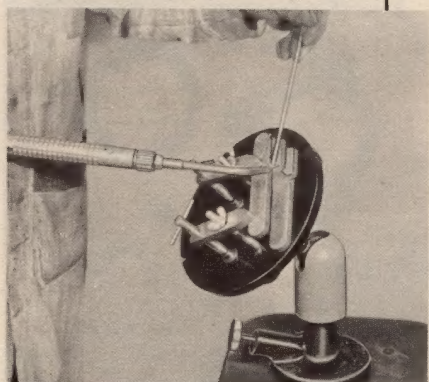
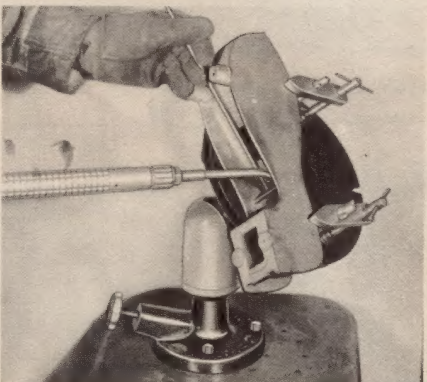


Work is held in place on plate with "C" clamp.

## T-SLOT TABLE



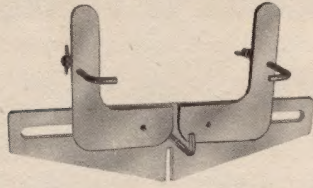
10" dia. with 2 universal clamps  
Catalog No..... 327  
Code..... SLOTA  
Shipping Weight..... 12 lbs.  
Price complete..... \$9.00



For General Welding Assembly.

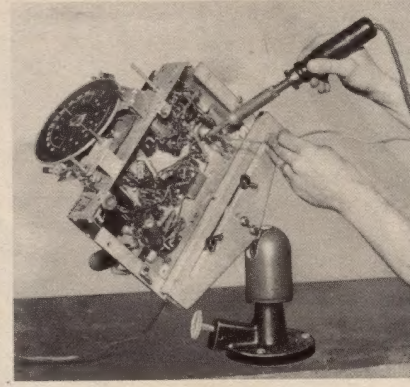
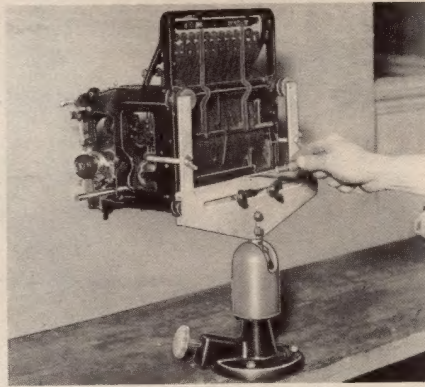


## RADIO and TYPEWRITER CHASSIS ATTACHMENT



AVAILABLE IN TWO SIZES

Catalog No.....	329	331
Code.....	TYRAD	LARAD
Adjustable from.....	6" to 13"	6" to 18"
Shipping Weight.....	3 lbs.	3 1/2 lbs.
Price.....	\$4.80	\$6.50



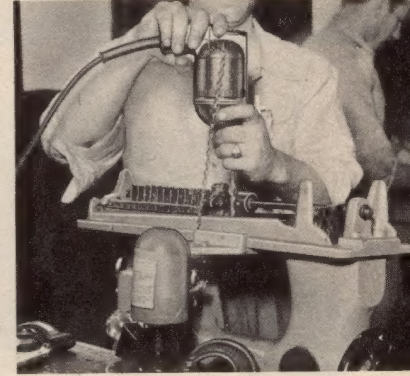
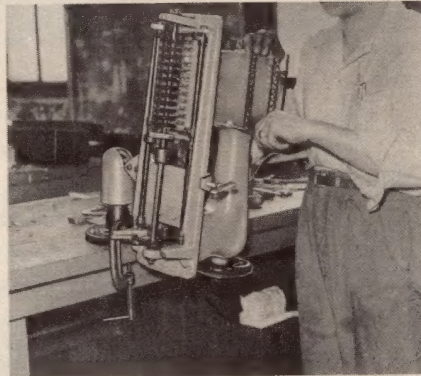
Will also hold record changers, complometers, water meters, etc.

## DOMESTIC SEWING MACHINE HOLDER



Will also hold numerous  
other items, jigs, etc.

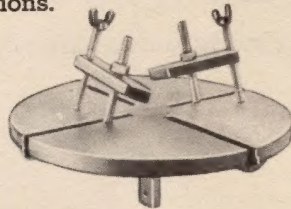
Catalog No.....	333
Code.....	SEWID
Distance between brackets.....	7"
Shipping Weight.....	3 1/4 lbs.
Price.....	\$6.00



Note how accessible all working parts are for easy repair.

## Wilton WELDING POSITIONER POWRARM

T-Slot Table Type Welding  
Adaptor 10" diameter can be  
attached to this unit as well and  
used for universal welding  
operations.



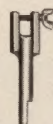
Catalog No.....	327
Code.....	SLOTA
Shipping Weight.....	12 lbs.
Price.....	\$9.00

Fireproof spatter shield

Catalog No.....	337
Code.....	WPFSH
Shipping Weight.....	5 oz.
Price.....	\$1.50

Weld clamp up to 1" cap.

Catalog No.....	339
Code.....	CLATO
Price.....	\$3.60



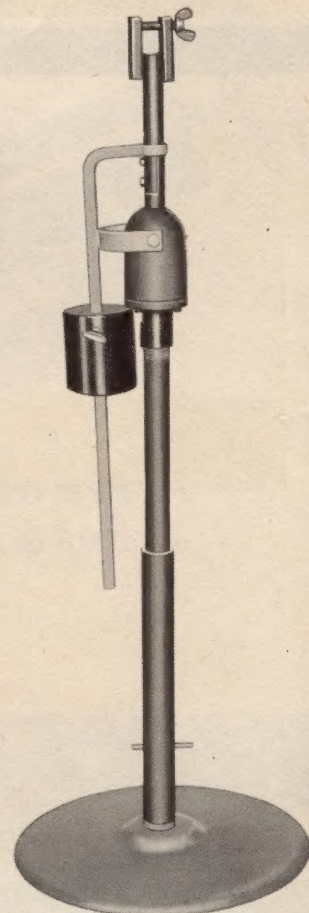
## MODEL 334

Saves Time! Saves Gases! Saves Money!  
Change position of your work with a twist  
of your wrist without loosening or tighten-  
ing anything. Just adjust the counter-  
weight — the swiveling ball and tension  
spring do the rest! Capacity up to 50 lbs.  
weight of working piece. Clamp will hold  
pieces up to 1" thick.

Turn your work 360° in any direction  
and weld continuously in a flat position.  
An ideal tool for farm implement repair  
shops.

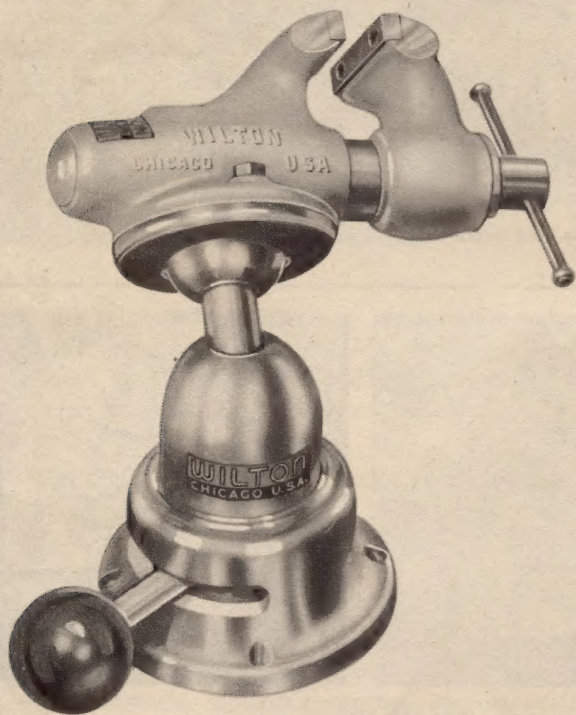
The complete set consists of an adjust-  
able stand positioner with counterweight,  
welding clamp No. 339 and a protective  
fireproof spatter shield.

Catalog No. for complete set as described.....	334
Code.....	WESET
Shipping Weight.....	43 lbs.
Price for complete unit.....	\$38.50





# THE Wilton JUNIOR POWRARM



This small precision built ball positioner permits the attached Wilton vise to be swiveled and locked at any angle desired. A change in the position of the vise can be made in a second's time. Arm will swivel 360° in horizontal or coaxial plane and 180° in vertical plane. A Wilton Precision built 2" Jewelers vise (Catalog No. 20N) with smooth and hardened surface ground jaws is included as standard attachment.

This combination is ideal for small precision bench work and assembly for watchmakers, opticians, jewelers, dentists, engravers, toolmakers, typewriter and radio repair men or hobbyists who enjoy quality tools.

The Powrarm can be attached to working tables on milling machines, drill presses, grinders, etc., and will often replace an expensive special jig or fixture. It will hold floodlights in store display windows and other exhibits at any angle and make it possible to focus such lights with dead accuracy at any desirable spot. Photo amateurs will appreciate this feature.

Catalog No. with vise attached.....	341
Code.....	POJUN
Shipping Weight, complete.....	7 1/2 lbs.
Price including vise.....	\$16.50

Powrarm with adapter plate but without vise.	
Catalog No.....	343
Code.....	POLON
Shipping Weight.....	3 lbs.
Price.....	\$7.80



## WILTON TOOL MFG. CO.

Stocking Distributors Net Cost Sheet (Discount Sheet)  
of Wilton Powrarm and Attachments

Catalog Number	As shown on Catalogue Page	Approx. Shipping Weight--Lbs.	List Price	Less 25 & 10% Disc. on Stocking Jobber on Orders over \$50 Net Value
301	2	8	\$19.80	\$13.37
303	2	14	28.50	19.24
20N	3	4 $\frac{1}{2}$	9.85	6.65
25N	3	11	11.45	7.73
347	3	4 $\frac{1}{2}$	3.20	2.16
3032	3	20	38.35	25.89
3035	3	27	39.95	26.97
3012	3	13	29.65	20.02
3015	3	19	31.25	21.10
304	4	5 $\frac{1}{2}$	6.50	4.39
307	4	5 $\frac{1}{2}$	7.50	5.06
309	4	1	2.20	1.49
311	4	1 $\frac{1}{2}$	2.75	1.86
313	5	4	3.50	2.36
314	5	3 3/4	5.80	3.92
317	5	2 $\frac{1}{2}$	7.50	5.06
319	5	13 $\frac{1}{4}$	21.60	14.58
321	6	4	6.80	4.59
323	6	4	2.80	1.89
324	6	2 $\frac{1}{4}$	2.20	1.49
327	6	12	9.00	6.08
329	7	3	4.80	3.24
331	7	3 $\frac{1}{2}$	6.50	4.39
333	7	3 $\frac{1}{2}$	6.00	4.05
337	7	5 oz.	1.50	1.01
339	7	3	3.60	2.43
334	7	43	38.50	25.99
341	8	7 $\frac{1}{4}$	16.50	11.14
343	8	3	7.80	5.27
344 Auto Radio Chasis Holder		1 $\frac{1}{2}$	6.00	4.05

We prepay freight to any destination within Continental U.S.A. on shipments in excess of \$100.00 net value or on backorders of such lots. Smaller orders are understood f.o.b. Chicago. Orders for Powrarm may be combined with orders for Wilton Vises and Piston Setters to meet requirements for prepaid freight.

Our terms are 2%--10 Prox. on all bills up to the 28th of the month. Invoices dated from 29-31 of the month are payable on the 10th of the second following month with 2% discount.

Dealers are requested not to sell for less than net list price on over the counter sales.

Powrarm products manufactured by Wilton are guaranteed for one year against defective material and workmanship. However, we can not assume any responsibility for products or transactions of the former Garfield Engineering Corp.

No return shipments will be accepted without our preceding consent.



